Brain Research, 560 (1991) 358–359
Elsevier

Author Index

Aebischer, P., Tresco, P.A., Sagen, J. and Winn, S.R., Transplantation of microencapsulated bovine chromaffin cells reduces lesion-induced rotational asymmetry in rats, 43
Al-Ghoul, W.M., see Miller, M.W., 132
Albin, R.L., Price, R.H., Sakurai, S.Y., Penney, J.B. and Young, A.B., Excitatory and inhibitory amino acid binding sites in human dentate nucleus, 350
Arai, A., see Kessler, M., 337
Armanini, M., see Bakhit, C., 76

Bakhit, C., Armanini, M., Bennett, G.L., Wong, W.L.T., Hansen, S.E. and Taylor, R., Increase in glia-derived nerve growth factor following destruction of hippocampal neurons, 76
Barish, M.E., see Sands, S.B., 38
Baronti, F., Conant, K.E., Giuffra, M., Davis, T.L., Brughitta, G., Iadarola, M.J., Berrettini, W.H., Chase, T.N.and Mouradian, M.M., Opioid peptides in Parkinson's disease: effects of dopamine repletion, 92
Beck, T. and Bielenberg, G.W., The effects of two 21-aminosteroids on overt infarct size 48 hours after middle cerebral artery occlusion in the rat, 159
Bennett, G.J., see Draisci, G., 186
Bennett, G.L., see Bakhit, C., 76
Berrettini, W.H., see Baronti, F., 92
Bicker, G., Taurine-like immunoreactivity in photoreceptor cells and mushroom bodies: a comparison of the chemical architecture of insect nervous systems, 201
Bielenberg, G.W., see Beck, T., 159
Blei, A.T., see Zee, P.C., 17
Bossut, D.F., see Maixner, W., 55
Boyd, J. and Matsubara, J., Intrinsic connections in cat visual cortex: a combined anterograde and retrograde tracing study, 207
Brughitta, G., see Baronti, F., 92

Carter, M.R., see Cook, V.I., 334
Cazin, L., see Valentijn, J.A., 175
Chase, T.N., see Baronti, F., 92
Chen, Y.L., see Kayser, V., 237
Chorsky, R.L., see Friedman, D.I., 297
Chou, S.-M., see Gean, P.-W., 306
Code, R.A., see Jacobs, S.E., 342
Conant, K.E., see Baronti, F., 92
Cook, V.I., Grove, K.M., McMenamin, K.L., Carter, M.R., Harding, J.W. and Speth, R.C., The AT_2 angiotensin receptor subtype predominates in the 18 day gestation fetal rat brain, 334
Cras, P., see Weghe, J.V., 303

Davis, T.L., see Baronti, F., 92
De Arruda Camargo, L.A., see Ferrari, A.C., 291
De Luca, L.A. Jr., see Ferrari, A.C., 291
Dechesne, C.J., Winsky, L., Kim, H.N., Goping, G., Vu, T.D., Wenthold, J. and Jacobowitz, D.M., Identification and ultrastructural localization of a calretinin-like calcium-binding protein (protein 10) in the guinea pig and rat inner ear, 139
Draisci, G., Kajander, K.C., Dubner, R., Bennett, G.J. and Iadarola, M.J., Upregulation of opioid gene expression in spinal cord evoked by experimental nerve injuries and inflammation, 186
Dubner, R., see Draisci, G., 186

Eberstein, A., see Pachter, B.R., 311
Eimerl, S. and Schramm, M., Acute glutamate toxicity in cultured cerebellar granule cells: agonist potency, effects of pH, Zn^{2+} and the potentiation by serum albumin, 282
Ellis, J.R.C., see Jones, S.A., 163

Ferrari, A.C., de Arruda Camargo, L.A., Saad, W.A., Renzi, A., De Luca, L.A. Jr. and Menani, J.V., Role of the α_1- and α_2-adrenoceptors of the lateral hypothalamus in the dipsogenic response to central angiotensin II in rats, 291
Fletcher, P.J., Opiate antagonists inhibit feeding induced by 8-OH-DPAT: possible mediation in the nucleus accumbens, 260
Friedman, D.I., Johnson, J.K., Chorsky, R.L. and Stopa, E.G., Labeling of human retinohypothalamic tract with the carbocyanine dye, DiI, 297
Frye, G.D., Taylor, L., Trzeciakowski, J.P. and Griffith, W.H., Effects of acute and chronic ethanol treatment on pre- and postsynaptic responses to baclofen in rat hippocampus, 84
Fujita, M., Sato, K., Sato, M., Inoue, T., Kozuka, T. and Tohyama, M., Regional distribution of the cells expressing glycine receptor β subunit mRNA in the rat brain, 23
Fukuda, Y., see Watanabe, M., 330
Fuxe, K., see Hedlund, P., 251

García-Segura, L.M., Pérez, J., Pons, S., Rejas, M.T. and Torres-Alemán, I., Localization of insulin-like growth factor I (IGF-I)-like immunoreactivity in the developing and adult rat brain, 167
Gean, P.-W. and Chou, S.-M., Suppression of 4-aminopyridine-induced paroxysmal depolarizing shift in rat amygdaloid neurons by diltiazem, 306
Gearing, M. and Terasawa, E., Prostaglandin E_2 mediates the stimulatory effect of methoxamine on in vivo luteinizing hormone-releasing hormone (LH-RH) release in the ovariectomized female rhesus monkey, 276
Giuffra, M., see Baronti, F., 92
Goldberg, L.J., see Lee, J.H., 193
Goping, G., see Dechesne, C.J., 139
Gore, A.C. and Terasawa, E., A study of the hypothalamic pulse-generating mechanism responsible for LH release: electrical stimulation of the medial basal hypothalamus in the ovariectomized guinea pig, 268
Grant, A.C. and Lettvin, J.Y., Sources of electrical transients in tectal neuropil of the frog, *Rana pipiens*, 106
Greenberg, B., see Weghe, J.V., 303
Greenfield, S.A., see Jones, S.A., 163
Griffith, W.H., see Frye, G.D., 84
Grijalva, C.V., see Gunion, M.W., 326
Grove, K.L., see Cook, V.I., 334
Guilbaud, G., see Kayser, V., 237
Guillemette, G., see Tousignant, C., 1
Gunion, M.W., Grijalva, C.V., Taché, Y. and Novin, D., Destruction of different fiber tracts underlies development of lateral hypothalamic lesion-induced hyperthermia and loss of bombesin-induced hypothermia, 326

Hansen, S.E., see Bakhit, C., 76
Harding, J.W., see Cook, V.I., 334
Hawkins, M. and Stein, E.A., Effects of continuous naloxone administration on ventral tegmental self-stimulation, 315
Hayashi, Y., Effects of intra-amygdaloid injections of α-difluoromethylornithine and putrescine on the development of electrical kindling in rats, 181
Hedlund, P., Von Euler, G. and Fuxe, K., Activation of 5-hydroxytryptamine$_{1A}$ receptors increases the affinity of galanin receptors in di- and telencephalic areas of the rat, 251
Huttunen, P., Microdialysis of extracellular noradrenaline in the hippocampus of the rat after long-term alcohol intake, 225

Iadarola, M.J., see Baronti, F., 92
Iadarola, M.J., see Draisci, G., 186
Inoue, T., see Fujita, M., 23
Iwata, N., see Yoshimi, K., 149
Izumi, H. and Karita, K., Vasodilator responses following intracranial stimulation of the trigeminal, facial and glossopharyngeal nerves in the cat gingiva, 71

Jacobowitz, D.M., see Dechesne, C.J., 139
Jacobs, S.E., Code, R.A. and Juliano, S.L., Basal forebrain lesions alter stimulus-evoked metabolic activity in rat somatosensory cortex, 342
Johnson, J.K., see Friedman, D.I., 297
Jones, S.A., Ellis, J.R.C., Klegeris, A. and

Brain Research, 560 (1991) 358–359
Elsevier

Author Index

Aebischer, P., Tresco, P.A., Sagen, J. and Winn, S.R., Transplantation of microencapsulated bovine chromaffin cells reduces lesion-induced rotational asymmetry in rats, 43
Al-Ghoul, W.M., see Miller, M.W., 132
Albin, R.L., Price, R.H., Sakurai, S.Y., Penney, J.B. and Young, A.B., Excitatory and inhibitory amino acid binding sites in human dentate nucleus, 350
Arai, A., see Kessler, M., 337
Armanini, M., see Bakhit, C., 76

Bakhit, C., Armanini, M., Bennett, G.L., Wong, W.L.T., Hansen, S.E. and Taylor, R., Increase in glia-derived nerve growth factor following destruction of hippocampal neurons, 76
Barish, M.E., see Sands, S.B., 38
Baronti, F., Conant, K.E., Giuffra, M., Davis, T.L., Brughitta, G., Iadarola, M.J., Berrettini, W.H., Chase, T.N.and Mouradian, M.M., Opioid peptides in Parkinson's disease: effects of dopamine repletion, 92
Beck, T. and Bielenberg, G.W., The effects of two 21-aminosteroids on overt infarct size 48 hours after middle cerebral artery occlusion in the rat, 159
Bennett, G.J., see Draisci, G., 186
Bennett, G.L., see Bakhit, C., 76
Berrettini, W.H., see Baronti, F., 92
Bicker, G., Taurine-like immunoreactivity in photoreceptor cells and mushroom bodies: a comparison of the chemical architecture of insect nervous systems, 201
Bielenberg, G.W., see Beck, T., 159
Blei, A.T., see Zee, P.C., 17
Bossut, D.F., see Maixner, W., 55
Boyd, J. and Matsubara, J., Intrinsic connections in cat visual cortex: a combined anterograde and retrograde tracing study, 207
Brughitta, G., see Baronti, F., 92

Carter, M.R., see Cook, V.I., 334
Cazin, L., see Valentijn, J.A., 175
Chase, T.N., see Baronti, F., 92
Chen, Y.L., see Kayser, V., 237
Chorsky, R.L., see Friedman, D.I., 297
Chou, S.-M., see Gean, P.-W., 306
Code, R.A., see Jacobs, S.E., 342
Conant, K.E., see Baronti, F., 92
Cook, V.I., Grove, K.M., McMenamin, K.L., Carter, M.R., Harding, J.W. and Speth, R.C., The AT_2 angiotensin receptor subtype predominates in the 18 day gestation fetal rat brain, 334
Cras, P., see Weghe, J.V., 303

Davis, T.L., see Baronti, F., 92
De Arruda Camargo, L.A., see Ferrari, A.C., 291
De Luca, L.A. Jr., see Ferrari, A.C., 291
Dechesne, C.J., Winsky, L., Kim, H.N., Goping, G., Vu, T.D., Wenthold, J. and Jacobowitz, D.M., Identification and ultrastructural localization of a calretinin-like calcium-binding protein (protein 10) in the guinea pig and rat inner ear, 139
Draisci, G., Kajander, K.C., Dubner, R., Bennett, G.J. and Iadarola, M.J., Upregulation of opioid gene expression in spinal cord evoked by experimental nerve injuries and inflammation, 186
Dubner, R., see Draisci, G., 186

Eberstein, A., see Pachter, B.R., 311
Eimerl, S. and Schramm, M., Acute glutamate toxicity in cultured cerebellar granule cells: agonist potency, effects of pH, Zn^{2+} and the potentiation by serum albumin, 282
Ellis, J.R.C., see Jones, S.A., 163

Ferrari, A.C., de Arruda Camargo, L.A., Saad, W.A., Renzi, A., De Luca, L.A. Jr. and Menani, J.V., Role of the α_1- and α_2-adrenoceptors of the lateral hypothalamus in the dipsogenic response to central angiotensin II in rats, 291
Fletcher, P.J., Opiate antagonists inhibit feeding induced by 8-OH-DPAT: possible mediation in the nucleus accumbens, 260
Friedman, D.I., Johnson, J.K., Chorsky, R.L. and Stopa, E.G., Labeling of human retinohypothalamic tract with the carbocyanine dye, DiI, 297
Frye, G.D., Taylor, L., Trzeciakowski, J.P. and Griffith, W.H., Effects of acute and chronic ethanol treatment on pre- and postsynaptic responses to baclofen in rat hippocampus, 84
Fujita, M., Sato, K., Sato, M., Inoue, T., Kozuka, T. and Tohyama, M., Regional distribution of the cells expressing glycine receptor β subunit mRNA in the rat brain, 23
Fukuda, Y., see Watanabe, M., 330
Fuxe, K., see Hedlund, P., 251

García-Segura, L.M., Pérez, J., Pons, S., Rejas, M.T. and Torres-Alemán, I., Localization of insulin-like growth factor I (IGF-I)-like immunoreactivity in the developing and adult rat brain, 167
Gean, P.-W. and Chou, S.-M., Suppression of 4-aminopyridine-induced paroxysmal depolarizing shift in rat amygdaloid neurons by diltiazem, 306
Gearing, M. and Terasawa, E., Prostaglandin E_2 mediates the stimulatory effect of methoxamine on in vivo luteinizing hormone-releasing hormone (LH-RH) release in the ovariectomized female rhesus monkey, 276
Giuffra, M., see Baronti, F., 92
Goldberg, L.J., see Lee, J.H., 193
Goping, G., see Dechesne, C.J., 139
Gore, A.C. and Terasawa, E., A study of the hypothalamic pulse-generating mechanism responsible for LH release: electrical stimulation of the medial basal hypothalamus in the ovariectomized guinea pig, 268
Grant, A.C. and Lettvin, J.Y., Sources of electrical transients in tectal neuropil of the frog, *Rana pipiens*, 106
Greenberg, B., see Weghe, J.V., 303
Greenfield, S.A., see Jones, S.A., 163
Griffith, W.H., see Frye, G.D., 84
Grijalva, C.V., see Gunion, M.W., 326
Grove, K.L., see Cook, V.I., 334
Guilbaud, G., see Kayser, V., 237
Guillemette, G., see Tousignant, C., 1
Gunion, M.W., Grijalva, C.V., Taché, Y. and Novin, D., Destruction of different fiber tracts underlies development of lateral hypothalamic lesion-induced hyperthermia and loss of bombesin-induced hypothermia, 326

Hansen, S.E., see Bakhit, C., 76
Harding, J.W., see Cook, V.I., 334
Hawkins, M. and Stein, E.A., Effects of continuous naloxone administration on ventral tegmental self-stimulation, 315
Hayashi, Y., Effects of intra-amygdaloid injections of α-difluoromethylornithine and putrescine on the development of electrical kindling in rats, 181
Hedlund, P., Von Euler, G. and Fuxe, K., Activation of 5-hydroxytryptamine$_{1A}$ receptors increases the affinity of galanin receptors in di- and telencephalic areas of the rat, 251
Huttunen, P., Microdialysis of extracellular noradrenaline in the hippocampus of the rat after long-term alcohol intake, 225

Iadarola, M.J., see Baronti, F., 92
Iadarola, M.J., see Draisci, G., 186
Inoue, T., see Fujita, M., 23
Iwata, N., see Yoshimi, K., 149
Izumi, H. and Karita, K., Vasodilator responses following intracranial stimulation of the trigeminal, facial and glossopharyngeal nerves in the cat gingiva, 71

Jacobowitz, D.M., see Dechesne, C.J., 139
Jacobs, S.E., Code, R.A. and Juliano, S.L., Basal forebrain lesions alter stimulus-evoked metabolic activity in rat somatosensory cortex, 342
Johnson, J.K., see Friedman, D.I., 297
Jones, S.A., Ellis, J.R.C., Klegeris, A. and

Greenfield, S.A., The relationship between visual stimulation, behaviour and continuous release of protein in the substantia nigra, 163
Juliano, S.L., see Jacobs, S.E., 342

Kaczmarek, L., see Nikolaev, E., 346
Kajander, K.C., see Draisci, G., 186
Karita, K., see Izumi, H., 71
Karler, R., see Turkanis, S.A., 245
Kawai, M., see Weghe, J.V., 303
Kayser, V., Chen, Y.L. and Guilbaud, G., Behavioural evidence for a peripheral component in the enhanced antinociceptive effect of a low dose of systemic morphine in carrageenin-induced hyperalgesic rats, 237
Kessler, M., Arai, A., Vanderklish, P. and Lynch, G., Failure to detect changes in AMPA receptor binding after long-term potentiation, 337
Kim, H.N., see Dechesne, C.J., 139
Klegeris, A., see Jones, S.A., 163
Kozuka, T., see Fujita, M., 23
Krug, M., see Wenzel, J., 122
Krug, M., see Nikolaev, E., 346
Kudo, T., see Yoshimi, K., 149

Lammert, G., see Wenzel, J., 122
Lasley, S.M., Roles of neurotransmitter amino acids in seizure severity and experience in the genetically epilepsy-prone rat, 63
Lee, J.H., Goldberg, L.J. and Park, N.-H., Effect of *Herpes simplex* virus infection on the trigeminal jaw-opening reflex in guinea pigs, 193
Leong, S.F., Leung, T.K.C. and Leong, S.K., The expression of proteins and activities of metabolic enzymes in transplanted brain tissue, 50
Leong, S.K., see Leong, S.F., 50
Lettvin, J.Y., see Grant, A.C., 106
Leung, T.K.C., see Leong, S.F., 50
Louiset, E., see Valentijn, J.A., 175
Lynch, G., see Kessler, M., 337

Maixner, W., Bossut, D.F. and Whitsel, E.A., Evaluation of vagal afferent modulation of the digastric reflex in cats, 55
Matsubara, J., see Boyd, J., 207
Matthies, H., see Nikolaev, E., 346
McMenamin, K.M., see Cook, V.I., 334
Mehta, R., see Zee, P.C., 17
Menani, J.V., see Ferrari, A.C., 291
Meyer, J.S., see Woods, S.K., 97
Meyer, U., see Wenzel, J., 122
Miller, M.W., Al-Ghoul, W.M. and Murtaugh, M., Expression of ALZ-50 immunoreactivity in the developing principal sensory nucleus of the trigeminal nerve: effect of transecting the infraorbital nerve, 132
Mouradian, M.M., see Baronti, F., 92
Murtaugh, M., see Miller, M.W., 132

Nakamura, Y., see Yoshimi, K., 149
Nikolaev, E., Tischmeyer, W., Krug, M., Matthies, H. and Kaczmarek, L., *c-fos* protooncogene expression in rat hippocampus and entorhinal cortex following tetanic stimulation of the perforant path, 346
Nikolsky, E.E., Strunsky, E.G. and Vyskočil, F., Temperature dependence of carbachol-induced modulation of miniature end-plate potential frequency in rats, 354
Nishimura, T., see Yoshimi, K., 149
Novin, D., see Gunion, M.W., 326

Pachter, B.R. and Eberstein, A., Nerve sprouting and endplate growth induced in normal muscle by contralateral partial denervation of rat plantaris, 311
Panneton, W.M., Trigeminal mediation of the diving response in the muskrat, 321
Park, N.-H., see Lee, J.H., 193
Partlow, L.M., see Turkanis, S.A., 245
Penney, J.B., see Albin, R.L., 350
Pérez, J., see García-Segura, L.M., 167
Perry, G., see Weghe, J.V., 303
Pierson, M. and Swann, J., Sensitization to noise-mediated induction of seizure susceptibility by MK-801 and phencyclidine, 229
Pons, S., see García-Segura, L.M., 167
Price, R.H., see Albin, R.L., 350

Regoli, D., see Tousignant, C., 1
Rejas, M.T., see García-Segura, L.M., 167
Renzi, A., see Ferrari, A.C., 291

Saad, W.A., see Ferrari, A.C., 291
Sagen, J., see Aebischer, P., 43
Sakurai, S.Y., see Albin, R.L., 350
Sands, S.B. and Barish, M.E., Calcium permeability of neuronal nicotinic acetylcholine receptor channels in PC12 cells, 38
Sato, K., see Fujita, M., 23
Sato, M., see Fujita, M., 23
Sawai, H., see Watanabe, M., 330
Schramm, M., see Eimerl, S., 282
Siedlak, S.L., see Weghe, J.V., 303
Speth, R.C., see Cook, V.I., 334
Stein, E.A., see Hawkins, M., 315
Stopa, E.G., see Friedman, D.I., 297
Strunsky, E.G., see Nikolsky, E.E., 354
Svoboda, J. and Syková, E., Extracellular space volume changes in the rat spinal cord produced by nerve stimulation and peripheral injury, 216
Swann, J., see Pierson, M., 229
Syková, E., see Svoboda, J., 207

Tabaton, M., see Weghe, J.V., 303
Taché, Y., see Gunion, M.W., 326
Tada, K., see Yoshimi, K., 149
Takeda, M., see Yoshimi, K., 149
Taylor, R., see Bakhit, C., 76
Taylor, L., see Frye, G.D., 84
Terasawa, E., see Gearing, M., 276
Terasawa, E., see Gore, A.C., 268
Tischmeyer, W., see Nikolaev, E., 346
Tohyama, M., see Fujita, M., 23
Torres-Alemán, I., see García-Segura, L.M., 167
Tousignant, C., Guillemette, G. and Regoli, D., Binding sites for [^{3}H][Sar^9, Met(O$_2$)^{11}]substance P in rat brain and guinea pig ileum, 1
Tresco, P.A., see Aebischer, P., 43
Trzeciakowski, J.P., see Frye, G.D., 84
Turek, F.W., see Wickland, C., 12
Turek, F.W., see Zee, P.C., 17
Turkanis, S.A., Karler, R. and Partlow, L.M., Differential effects of delta-9-tetrahydrocannabinol and its 11-hydroxy metabolite on sodium current in neuroblastoma cells, 245

Valentijn, J.A., Louiset, E., Vaudry, H. and Cazin, L., Involvement of non-selective cationic channels in the generation of pacemaker depolarizations and firing behaviour in cultured frog melanotrophs, 175
Vanderklish, P., see Kessler, M., 337
Vaudry, H., see Valentijn, J.A., 175
Von Euler, G., see Hedlund, P., 251
Vu, T.D., see Dechesne, C.J., 139
Vyskočil, F., see Nikolsky, E.E., 354

Watanabe, M., Sawai, H. and Fukuda, Y., Axonal regeneration of retinal ganglion cells in the cat geniculocortical pathway, 330
Weghe, J.V., Cras, P., Kawai, M., Siedlak, S.L., Tabaton, M., Greenberg, B. and Perry, G., Dystrophic neurites infiltrate extracellular neurofibrillary tangles in Alzheimer disease, 303
Wenthold, J., see Dechesne, C.J., 139
Wenzel, J., Lammert, G., Meyer, U. and Krug, M., The influence of long-term potentiation on the spatial relationship between astrocyte processes and potentiated synapses in the dentate gyrus neuropil of rat brain, 122
Whitsel, E.A., see Maixner, W., 55
Wickland, C. and Turek, F.W., Phase-shifting effect of triazolam on the hamster's circadian rhythm of activity is not mediated by a change in body temperature, 12
Winn, S.R., see Aebischer, P., 43
Winsky, L., see Dechesne, C.J., 139
Wong, W.L.T., see Bakhit, C., 76
Woods, S.K. and Meyer, J.S., Exogenous tyrosine potentiates the methylphenidate-induced increase in extracellular dopamine in the nucleus accumbens: a microdialysis study, 97

Yoshimi, K., Takeda, M., Nishimura, T., Kudo, T., Nakamura, Y., Tada, K. and Iwata, N., An immunohistochemical study of MAP2 and clathrin in gerbil hippocampus after cerebral ischemia, 149
Young, A.B., see Albin, R.L., 350

Zee, P.C., Mehta, R., Turek, F.W. and Blei, A.T., Portacaval anastomosis disrupts circadian locomotor activity and pineal melatonin rhythms in rats, 17